

Product datasheet for **RN202227**

RGD1310553 (NM_001008517) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1310553 (NM_001008517) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1310553
Synonyms:	MGC105902
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202227 representing NM_001008517 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGGGGGATGTGGCGGTGCGCAGCTGCACGGACGCGGAGCTGCTGCTGCACCCTGAGCTGCTGTCCC
AGGAATTCCTCCTCACCTGGAGCAGAAGAACATAGCTGTTGAAAATGACGTAAGAGTAAACAAAGA
CAACCTTACTGACCTTTACGTCCAGCAGCCATTCCGTTGCCTCAGAGGGATTTGCCAAAGAATCGATGG
GGGAAGATGATGGAGAAGAAAAGAGAGCACCATGAAGGGAAAAATGATACCAAAGGGGTAGTGCTGTAG
ATGGATTAAGGAAAAGACCCCTATTGTGTTGATGGAGCTCAACAAGCACAAGCATCAAAGTGAAAAA
GACAGAGAACGGAGCAGACGACCGGCTCAAGCCTCCTGCCAGACAGGCTCCACCAAGTATAGCCTTCGG
AAATCACCAAATTCCTCTCGAGGATTGACCCCTAGTTTGTATTCCAGTTTACCTATGAACAATAAAA
TGGAGCACAATAATAATGACACTAAACAGAACCATGACTTGACGCATAGGAAAAGTCCTTCGGGTCCAGT
GAAGTCACCGCCTCTCTCCCTGTTGGAATACTCCTGTGAAATTGAAACGGGCTGCTCCTAAGGAAGAG
GCAGAGGCCACAAATCACCTGAAGCCACCAGAAGCAAAGGAAGATACAGCATGTTACGTGGCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001008517
Insert Size:	699 bp


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001008517.1</u> , <u>NP_001008517.1</u>
RefSeq Size:	3465 bp
RefSeq ORF:	699 bp
Locus ID:	301374
UniProt ID:	<u>Q5RJT0</u>
Cytogenetics:	9q22